

FILE NOTATIONS

Entered in NID File ✓
 Entered On S R Sheet ✓
 Location Map Pinned ✓
 Card Indexed ✓
 I W R for State or Fee Land

Checked by Chief PMB

Copy NID to Field Office

Approval Letter 4-4-68

Disapproval Letter

COMPLETION DATA:

Date Well Completed 8-16-68

OW ✓ WW TA

GW ✓ OS PA

Location Inspected

Bond released

State of Fee Land

LOGS FILED

Driller's Log 7-11-68

Electric Logs (No.) 6

E 1. Dual-1 E-I GR GR-N Micro

Lat. Mi-L Sonic GR-1 Others compressional amplitude

perforating depth control-1
variable density-1
shear amplitude-1

131-1
March 13, 1968STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Chevron Oil Company, Western Division

3. ADDRESS OF OPERATOR

P. O. Box 455, Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1368' FSL & 1452' FEL of Sec. 2, T1S, R2W, USB&M

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 3 miles west & south of Neola, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. line, if any)

130'-Lease Line

1192'-Drlg. Line

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

First Well

16. NO. OF ACRES IN LEASE

80

19. PROPOSED DEPTH

+ 11,500

17. NO. OF ACRES ASSIGNED

TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

Graded Ground - 5902'

22. APPROX. DATE WORK WILL START*

April 8, 1968

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10 3/4" ✓	40.5# ✓	+ 500' ✓	To Surface ✓
8 3/4"	7" ✓	23#, 26# & 29# ✓	TD ✓	Sufficient to cover all productive zones and significant water sands ✓

It is proposed to drill a development well for oil or gas in the Middle and/or Lower Green River formation. ✓

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

R. W. PATTERSON

TITLE

Unit Superintendent

DATE

4/3/68

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

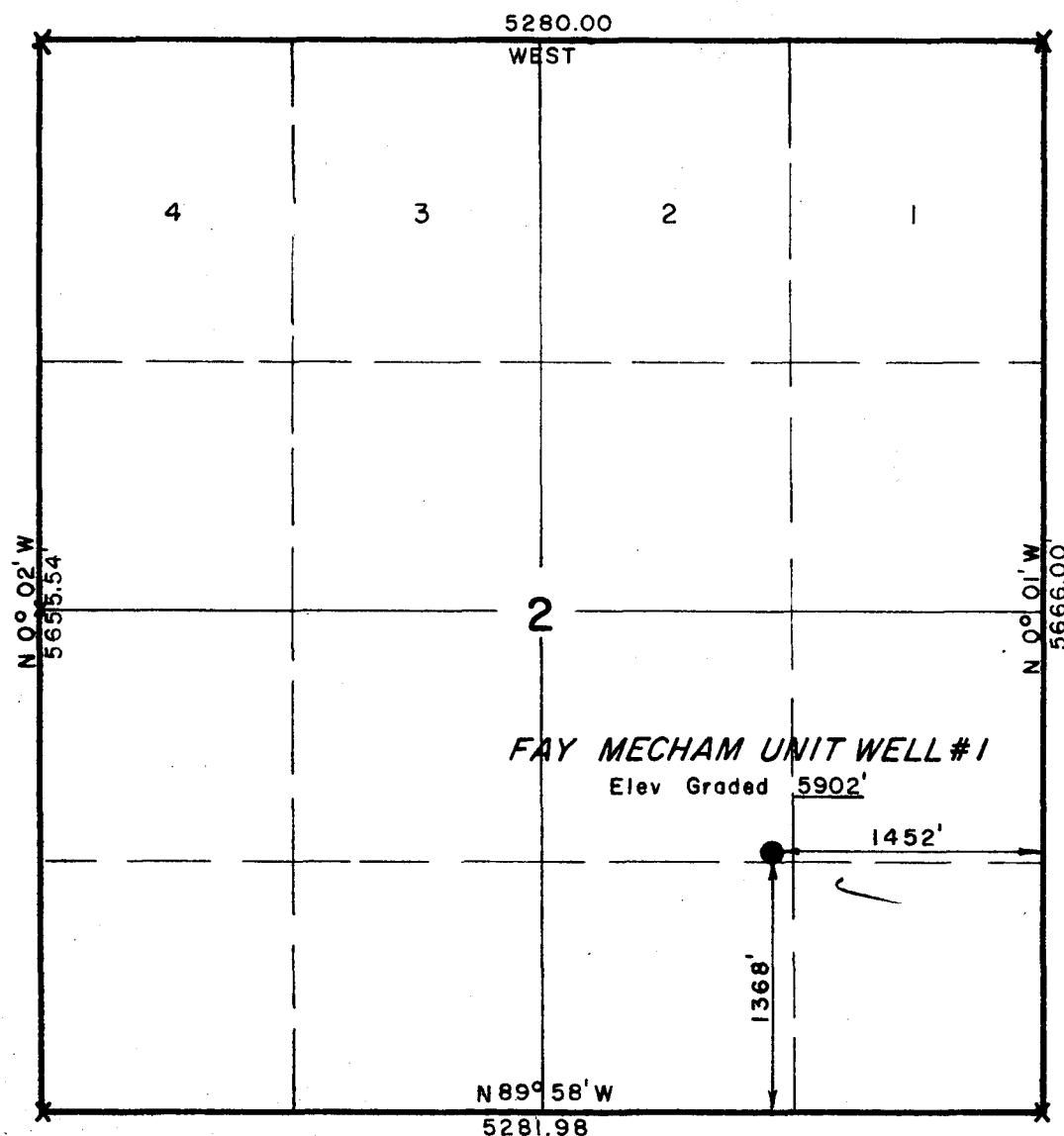
*See Instructions On Reverse Side

O&GCC, SLC-3; Well File-1; Field File-1; Humble Oil & Ref., Denver-1;

T1S, R2W, U.S.B. & M.

PROJECT

CHEVRON OIL COMPANY WELL LOCATION
FAY MECHAM UNIT WELL NO.1, BLUEBELL
FIELD LOCATED AS SHOWN IN THE SE1/4,
SECTION 2, T1S, R2W, USB & M, DUCHESNE
COUNTY, UTAH.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF

John J. Marshall
REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

X = Corners Found or Reestablished

SCALE 1" = 1000'	DATE 25 March 1968
PARTY NJM, LDT, DJH	REFERENCES GLO Plat
WEATHER Fair & Warm	FILE CHEVRON

April 4, 1968

Chevron Oil Company,
Western Division
P. O. Box 455
Vernal, Utah 84078

Re: Well No. Fay Mecham Fee #1 (4-2C),
Sec. 2, T. 1 S., R. 2 W.,
Duchesne County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted in accordance with the Order issued in Cause 131-1 on March 13, 1968.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer
HOME: 277-2890 - Salt Lake City, Utah
OFFICE: 328-5771

This approval terminates within 90 days if the well has not been spudded-in within said period.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your co-operation with respect to completing this form will be greatly appreciated.

Chevron Oil Company, Western Division

April 4, 1968

-2-

Please notify this office as soon as possible if you desire said well to be held Confidential.

The API number assigned to this well is 43-013-30001 (See Bulletin D12 published by the American Petroleum Institute).

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sc

Enclosures: Forms

FORM OGC-8-X

FILE IN QUADRUPLICATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION
1588 West North Temple

SALT LAKE CITY, UTAH 84111

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Fay Mecham Unit #1 (4-2C)

Operator Chevron Oil Co., Western Div. Address P. O. Box 455 Phone 789-2442
Vernal, Utah

Contractor Signal Drilling Co., Inc. Address _____ Phone _____

Approx. Center of SE $\frac{1}{4}$
Location $\frac{1}{4}$ $\frac{1}{4}$ Sec. 2 T. 1 N R. 2 E Duchesne County, Utah
S W

Water Sands: None

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1. _____			
2. _____			
3. _____			
4. _____			
5. _____			

(Continued on reverse side if necessary)

<u>Formation Tops:</u>	Uinta	2955 (+2961)
	TGR	6870 (- 954)
	Mahogany Bench	8539 (-2623)

Remarks:

- NOTE:
- (a) Upon diminishing supply forms, please inform this office,
 - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form)
 - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

Approximate
Center of SE $\frac{1}{4}$
Sec. 2

18

2W

Fay M. Lam Unit #1 (4-2C)

April 1968

Present Status

Total Depth: 7851'

Casing: 10 3/4", 40.5#, J-55 cemented at 529.68' w/ 350 sacks 50/50 Pozmix containing 2% gel and 2% CaCl on first stage. First 200 sacks contained 1/4 #/sack of Cello Flake. Followed by 100 sacks Type G cement containing 3% CaCl on second stage.

Operations Conducted

Moved in Signal Drilling Company Rig #5 and spudded at 8:00 PM 4-10-68. Drilled 15" hole to 102'. Drilled 8 3/4" hole to 1193'. Reamed 8 3/4" hole to 15" down to 530'. Cemented 10 3/4", 40.5#, J-55 casing at 529.68' w/ 350 sacks 50/50 Pozmix containing 2% gel and 2% CaCl on first stage. First 200 sacks contained 1/4 #/sack of Cello Flake. Followed by 100 sacks Type G cement containing 3% CaCl on second stage. Drilled 8 3/4" hole from 1193' to 7851'.

Note: There were _____ runs or sales of oil; _____ M cu. ft. of gas sold; _____ runs or sales of gasoline during the month.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN INDICATE
O&GCC, SLC-2; Denver-1; File-1

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
W/L-Water Injection

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Duchesne Field or Lease Bluebell

The following is a correct report of operations and production (including drilling and producing wells) for
April, 1968.

Agent's address P. O. Box 455 Company Chevron Oil Company, Western Div.
Vernal, Utah 84078 Signed R. W. PATTERSON
Phone 789-2442 Agent's title Unit Superintendent

State Lease No. _____ Federal Lease No. _____ Indian Lease No. _____ Fee & Pat. ☒

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NW NW 11	1S	2W	Leonard Boren #1 (14-15)					
	Total	Oil Sold-----			3,753.16			No. of Days Produced
NW Se 3	1S	2W	W. H. Blanchard #1 (33-3)					
	Total	Oil Sold-----			15,473.69			
Approximate Center of SE¼ Sec. 2	1S	2W	Fay Mecham Unit #1 (4-2C)					
<u>Present Status</u>								
Total Depth: 7851'								
Casing: 10 3/4", 40.5#, J-55 cemented at 529.68' w/ 350 sacks 50/50 Pozmix containing 2% gel and 2% CaCl on first stage. First 200 sacks contained 1/4 #/sack of Cello Flake. Followed by 100 sacks Type G cement containing 3% CaCl on second stage.								
<u>Operations Conducted</u>								
Moved in Signal Drilling Company Rig #5 and spudded at 8:00 PM 4-10-68. Drilled 15" hole to 102'. Drilled 8 3/4" hole to 1193'. Reamed 8 3/4" hole to 15" down to 530'. Cemented 10 3/4", 40.5#, J-55 casing at 529.68' w/ 350 sacks 50/50 Pozmix containing 2% gel and 2% CaCl on first stage. First 200 sacks contained 1/4 #/sack of Cello Flake. Followed by 100 sacks Type G cement containing 3% CaCl on second stage. Drilled 8 3/4" hole from 1193' to 7851'.								

Note: There were _____ runs or sales of oil; _____ M cu. ft. of gas sold; _____ runs or sales of gasoline during the month.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

SEE IN INDICATE
O&GCC, SLC-2; Denver-1; File-1

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

Approximate
Center of SE 1/4
Sec. 2

18 2W Pay [redacted] Unit #1 (4-2C)

may 1968

Total Oil Sold----- 59.95

Present Status

Total Depth: 11,108'

Casing: Same as for April, 1968

Operations Conducted

Drilled 8 3/4" hole from 7851 to 9105'. Ran DST #1 (9029-9106) 120 min test. GTS after 20 min of final shut in period. Rec 752' gas, oil, mud cut water cushion, 376' gas, oil, mud, water emulsion, 407' no recovery, reversed out, 210' gas cut oil and 300' muddy water. Pressures: IH-4144, IF-150-662, ISI-4082, FF-684-855, FSI-3956, FH-4019. Drilled 8 3/4" hole from 9105 to 9676. Schlumberger ran Gamma Ray Sonic w/ Caliper log and Dual Induction lateral log. Drilled 8 3/4" hole from 9676 to 10,030'. Ran DST #2 (8926-9066) 180 min test. NGTS. Rec 850' gas and oil cut water cushion and 866' gas and oil cut watery mud. Pressures: IH-4627, IF-43-171, ISI-4019, FF-171-812, FSI-3871, FH-4627. Drilled 8 3/4" hole from 10,030 to 10,525'. Ran DST #3 (10,400-10,525') 20 min test. Rec 20 bbl oil and gas cut water cushion, 70 bbl heavy gas cut oil and 20 bbl sli oil and gas cut water. Pressures: IH-5442, IF-2882-3977, ISI-4941, FF-3893-4526, FSI-4941, FH-5442. Drilled 8 3/4" hole from 10,525 to 11,033'. Ran DST #4 (10,999 to 11,033'). 180 min test. NGTS. Rec 188' heavy gas cut oil (green), 1880' heavy gas cut water cushion, 457' heavy gas cut oil (sli mud cut at base) and 89' sli oil cut mud. Pressures: IH-5797, IF-5630-85, ISI-342, FF-491-1089, FSI-5296, FH-5776. Drilled 8 3/4" hole from 11,033 to 11,108'.

Note: There were _____ runs or sales of oil; _____ M cu. ft. of gas sold; _____ runs or sales of gasoline during the month.

NOTE: Report on this form as provided
for in Rule C-22. (See back of form.)

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

SEE IN DUPLICATE
D&GCC, SLC-2; Denver-1; File-1

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Duchesne Field or Lease Bluebell

The following is a correct report of operations and production (including drilling and producing wells) for

May, 1968

Agent's address P. O. Box 455Company Chevron Oil Company, Western Div.Vernal, Utah 84078Signed R. W. PATTERSONPhone 789-2442Agent's title Unit SuperintendentState Lease No. _____ Federal Lease No. _____ Indian Lease No. _____ Fee & Pat. ☒

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NW NW 11	1S	2W	Leonard Boren #1 (14-15)					
	Total	Oil Sold-----			15,954.09			No. of Days Produced
NW SE 3	1S	2W	W. H. Blanchard #1 (33-3)					
	Total	Oil Sold-----			31,303.03			
Approximate Center of SE ¼ Sec. 2	1S	2W	Fay Mecham Unit #1 (4-2C)					
	Total	Oil Sold-----			59.95			
	<u>Present Status</u>							
	Total Depth: 11,108'							
	Casing: Same as for April, 1968							
	<u>Operations Conducted</u>							
	Drilled 8 3/4" hole from 7851 to 9105'. Ran DST #1 (9029-9106) 120 min test. GTS after 20 min of final shut in period. Rec 752' gas, oil, mud cut water cushion, 376' gas, oil, mud, water emulsion, 407' no recovery, reversed out, 210' gas cut oil and 300' muddy water. Pressures: IH-4144, IF-150-662, ISI-4082, FF-684-855, FSI-3956, FH-4019. Drilled 8 3/4" hole from 9105 to 9676. Schlumberger ran Gamma Ray Sonic w/ Caliper log and Dual Induction lateral log. Drilled 8 3/4" hole from 9676 to 10,030'. Ran DST #2 (8926-9066) 180 min test. NGTS. Rec 850' gas and oil cut water cushion and 866' gas and oil cut watery mud. Pressures: IH-4627, IF-43-171, ISI-4019, FF-171-812, FSI-3871, FH-4627. Drilled 8 3/4" hole from 10,030 to 10,525'. Ran DST #3 (10,400-10,525') 20 min test. Rec 20 bbl oil and gas cut water cushion, 70 bbl heavy gas cut oil and 20 bbl sli oil and gas cut water. Pressures: IH-5442, IF-2882-3977, ISI-4941, FF-3893-4526, FSI-4941, FH-5442. Drilled 8 3/4" hole from 10,525 to 11,033'. Ran DST #4 (10,999 to 11,033'). 180 min test. NGTS. Rec 188' heavy gas cut oil (green), 1880' heavy gas cut water cushion, 457' heavy gas cut oil (sli mud cut at base) and 89' sli oil cut mud. Pressures: IH-5797, IF-5630-85, ISI-342, FF-491-1089, FSI-5296, FH-5776. Drilled 8 3/4" hole from 11,033 to 11,108'.							

Note: There were _____ runs or sales of oil; _____ M cu. ft. of gas sold; _____ runs or sales of gasoline during the month.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

SEE PAY INDICATE

D&GCC, SLC-2; Denver-1; File-1

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Duchesne Field or Lease Bluebell

The following is a correct report of operations and production (including drilling and producing wells) for
June 68

Agent's address **P. O. Box 455**
Vernal, Utah 84078
789-2442
Phone

Company **Chevron Oil Company, Western Div.**
Signed **R. W. PATTERSON** Original Signed by
R. W. PATTERSON
Agent's title **Unit Superintendent**

State Lease No. _____ Federal Lease No. _____ Indian Lease No. _____ Fee & Pat. ☐

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NW NW 11	1S	2W	Leonard Boren	#1 (14-15)				
			Total Oil Sold-----		11,579.36			No. of
			Less Recovered Oil-----		150.00			Days
			Net Oil Sold-----		<u>11,429.36</u>			Produced
NW SE 3	1S	2W	W. H. Blanchard	#1 (33-3)				
			Total Oil Sold-----		26,892.57			
			Less Recovered Oil-----		126.00			
			Net Oil Sold-----		<u>26,766.57</u>			
Approx. Cent. SE¼ Sec. 2	1S	2W	Fay Mechem Unit	#1 (4-2C)				
			Total Oil Sold-----		805.53 1,237.53			
			Less Recovered Oil-----		432.00			
			Net Oil Sold-----		<u>805.53</u>			
			<u>Fay Mechem Unit #1 (4-2C)</u>					
			<u>Present Status</u>					
			Total Depth: 11,150	PRID: 10,525				
			Casing: Same as for April, 1968, plus 7", 23#, 26# and 29#, N-80 casing cemented at 10,532' w/ 800 sacks 50/50 Pozmix containing 18% salt, 2% Gel and 1% CFR-2 on first stage. The first 200 sacks contained 1/4#/sack of Floeal. Cemented with 300 sacks light weight cement, 65% Pozmix and 35% Regular cement containing 6% Gel on second stage.					
			<u>Operations Conducted</u>					
			Drilled 8 3/4" hole from 11,108' to 11,150' TD. Schl. ran Sonic Gamma Ray, DIL, Caliper and Amplitude logs. Set CIBP at 10,530 and capped with cement. Cemented 7", 23#, 26# and 29#, N-80 casing at 10,532' w/ 800 sacks 50/50 Pozmix containing 18% salt, 2% gel and 1% CFR-2 on first stage. The first 200 sacks contained 1/4#/sack of Floeal. Cemented with 300 sacks lt. wt. cement, 65% Pozmix and 35% Regular cement containing 6% Gel on second stage. Well came in while cutting off pipe. Snubbed in w/ 1" pipe and killed well. Set CIBP at 1429'. Finished cutting off casing; nipples up. Tagged CIBP at 1430' and drilled out and pushed remains to 1625'. Drilled cement from 1625' to 1761'. Fell free from 1761 to 2054'. Drilled out DV collar at 2054', then fell through. RIH w/ tubing and landed at 8177.92'. Released drilling rig at 3:00 AM, 6-22-68.					

(Continued on Page 2)

Note: There were _____ runs or sales of oil; _____ M cu. ft. of gas sold; _____ runs or sales of gasoline during the month.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE
O&GCC, SLC-2; Denver-1; File-1

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

Form OGCC 4

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Duchesne Field or Lease Bluebell Field

The following is a correct report of operations and production (including drilling and producing wells) for

August, 1968

Agent's address P. O. Box 455 Company Chevron Oil Co., Western Div.

Vernal, Utah

Signed R. W. PATTERSON

Phone 789-2442

Agent's title Unit Superintendent

State Lease No. _____ Federal Lease No. _____ Indian Lease No. _____ Fee & Pat. ☒

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
Approx. ✓ Cent. SE¼ Sec. 2	1S	2W	Fay Mecham Unit #1 (4-2C)					
			<u>Present Status</u>					No. of Days Produced
			Total Depth: 11,150'	PBTD	10,520'			
			Casing: Same as for June, 1968					
July & August			<u>Operations Conducted</u>					
			Moved in completion rig 6-24-68. Set CIBP at 10,520'. Landed 2 7/8" tubing at 10,292'. Schl. perforated at 10,395½-10,415½ w/ 2 alum. jets/ft. Acidized w/ 1000 gal MCA w/ 1½ gal LP-53 and 1gal inhibitor. Flowed and tested well. Set CIBP at 10,391½'. Perforated w/ 2 hyperjets at 10,370'. Acidized w/ 300 gal 15% HCl and brokedown. Cement squeezed w/ 150 sacks 50/50 Pozmix containing 2% gel and 6/10 of 1% Halad. Drilled out and found all perfs squeezed off. Reperforated intervals 10,401-10,405 and 10,414-10,418 w/ 2 hyperjets/ft. Swab tested well. Spotted 500 gal 5% MCA. Swab tested well. Perforated at 10,484 and 10,488 w/ 2 alum. jets and 2 crack jets. Cement squeezed perfs 10,484 and 10,488 w/ 150 sacks 50/50 Pozmix containing 2% gel and 6/10 of 1% Halad 9. Spotted 275 gal of 15% HCl. Perforated at 10,439 to 10,453 w/ 4 alum. and 4 crack jets per foot and brokedown. Swab tested perfs 10,401-10,405, 10,414-10,418 and 10,439-10,453. Swab tested perfs 10,439-10,453. Cement squeezed perfs 10,401-10,405, 10,414-10,418 and 10,439-10,453 w/ 50 sacks 50/50 Pozmix containing 2% gel and 6/10 of 1% Halad 9.					
			Reperforated at 10,440-10,451 w/ 2 hyperjets per foot and brokedown. Swab tested perfs 10,440-10,451. Spotted 275 gal of 5% MCA. Swab tested perfs 10,440-10,451. Spotted 500 gal of 15% HCl. Swab tested perfs. Spotted 1000 gals of 5% MCA. Continue to swab test perfs 10,440-10,451. Flowed and tested well to battery. Reperforated intervals 10,395-10,407 and 10,413-10,418 w/ 2 hyperjets per foot. Acidized perfs 10,440-10,451 w/ 1500 gal 5% MCA containing 1½ gal/1000 LP-53 and inhibitor. Acidized interval 10,395-10,407 and 10,413-10,418 w/ 1000 gal 5% MCA containing 1½ gal/1000 LP-53 and inhibitor. RIH w/ production string tubing and landed at 10,295.89'. Swabbed intervals 10,395-10,407, 10,413-10,418 and 10,440-10,451 until well started flowing. Turned well to battery. Released completion rig 8-16-68.					
Approx. Cent. NE¼ Sec. 10	1S	2W	Chevron et al State Unit #1 (3-10C)					
			<u>Present Status</u>					
ML 13883			Total Depth: 11,115'	PBTD:	11,046'			
			Casing: Same as for June, 1968,	plus 7", 23, 26 & 29#,	N-80 cemented at 11,114.50'			

Note: There were _____ runs or sales of oil; _____ M cu. ft. of gas sold; _____ runs or sales of gasoline during the month.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

Salt Lake City 14, Utah

State Utah County Duchesne Field or Lease Bluebell Field

Agent's address P. O. Box 455
Vernal, Utah
Phone 789-2442

Company Chevron Oil Co., Western Div.
Signed R. W. PATTERSON *R. W. Patterson*
Agent's title Unit Superintendent

State Lease No. _____ Federal Lease No. _____ Indian Lease No. _____ Fee & Pat. ☒

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
								No. of Days Produced
				Casing:	Continued			
				w/ 150 sacks 50/50 Pozmix w/ 2% gel, 10% salt and 1% Halad 9 on first stage. 800 sacks 50/50 Pozmix w/ 2% gel, 10% salt, 1% CFR-2 on second stage. The first 200 sacks contained 1/4#/sack of Flocele. 250 sacks Halliburton light cement on third stage.				
				Operations Conducted				
				Drilled 8 3/4" hole to 11,007'. Ran DST #6 (10,985-11,007). 90 min test. NGTS. Rec. 1692' gas cut water cushion, 657' hvly gas cut oil and 230' hvly mud and gas cut oil. Pressures: IH-5652, IF 0-352, ISI 5083, FF 414-1055, FSI 3714, FH 5652. Drilled 8 3/4" hole to 11,100'. Ran DST #7 (11,055-11,100'). 60 min test. On final flow gas to surface in 33 min. TSTM. Rec. 1880' oil and gas cut water cushion and 6440' gas cut oil. Pressures: IH 5896, IF 452-1506, ISI 5124, FF 1609-2775, FSI 3979, FH 5896. Drilled 8 3/4" hole to 11,115' TD. Schl. ran Dual Induction Lateralog, BHC Sonic, Gamma Ray Caliper, Shear Amplitude, Compressional Amplitude and Variable Density logs. Cemented 7", 23, 26 and 29#, N-80 casing at 11,114.50' w/ 150 sacks 50/50 Pozmix w/ 2% gel, 10% salt and 1% Halad 9 on first stage. 800 sacks 50/50 Pozmix w/ 2% gel, 10% salt and 1% CFR-2 on second stage. The first 200 sacks contained 1/4#/sack of Flocele. 250 sacks of Halliburton light cement on third stage. WOC. Schl. ran GR-CBL-CCL and Variable Density log. Perforated interval 10,313-10,332; 10,342-10,349; 10,359-10,375' 10,385-10,398; 10,408-10,431 and 10,441-10,460' w/ 2 hyperjets/ft in 4 runs. Ran 2 7/8", 6.5#, N-80 tubing and landed at 10,219.28'. Brokedown and acidized perfs 10,313-10,460 w/ 1000 gal 5% HCl w/ 2 gal/1000 M-38 (clay shrinker), 2 gal/1000 L-37 (scale preventative) and 4 gal/1000 A-110 inhibitor; 150 - 7/8" RCN Balls and 214 bbls. fresh water. Rig released 9:00 AM 8-18-68.				
ox. . SW¼ 2	1S	2W	Clyde Murray Unit #1	(2-2C)				
				Present Status				
				Total Depth:	10,545'	PBSD:	10,532'	
				Casing:	Same as for June, 1968, plus 7", 23, 26 & 29# N-80 cemented at 10,542' w/ 50 sacks 50/50 Pozmix containing 2% gel, 10% salt and 1% Halad 9 on first stage. 800 sacks 50/50 Pozmix containing 2% gel, 10% salt, 1% CFR-2 and 1/4#/sack of Flocele for first 200 sacks on second stage.			

Note: There were _____ runs or sales of oil; _____ M cu. ft. of gas sold; _____ runs or sales of gasoline during the month.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Duchesne Field or Lease Bluebell Field

The following is a correct report of operations and production (including drilling and producing wells) for

August, 19 68Agent's address P. O. Box 455Company Chevron Oil Co., Western Div.Vernal, Utah 84078Signed R. W. PATTERSONPhone 789-2442Agent's title Unit SuperintendentState Lease No. _____ Federal Lease No. _____ Indian Lease No. _____ Fee & Pat. ☒

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)	
								No. of Days Produced	
									<u>Operations Conducted</u>
									Drilled 8 3/4" hole to 10,390'. Ran DST #4 (10,349-10,390'). 60 min test. NGTS. Rec. 1255' gas cut water cushion and 230' gas cut oil - no water. Pressures: IH 5317, IF 0-171, ISI 3661, FF 171-577, FSI 4019, FH 5296'. Drilled 8 3/4" hole to 10,431. Ran DST #5 (10,389-10,431'). 60 min test. T O dead, increased to strong blow in 5 min. GTS in 27 min at 10 MCFD. Rec. 1286' gas cut water cushion, 5451' gas cut oil and 539' mud. Pressures: IH 5358, IF 349-1229, ISI 3903, FF 1269-2445, FSI 3802, FH 5318. Drilled 8 3/4" hole to 10,467'. Ran DST #6 (10,430-10,467'). 60 min test. GTS in 11 min estimated at 10 MCFD. Rec. 18 bbls. water cushion, 83 bbls oil and 4 bbls mud. Pressures: IH 5479, IF 657-1675, ISI 4510, FF 1797-3538, FSI 4469, FH 5479. Drilled 8 3/4" hole to 10,516'. Ran DST #7 (10,465-10,516'). 60 min test. GTS in 17 min. Rec. 18 bbls gas cut water cushion and 92 bbls gas cut green oil. Pressures: IH 5459, IF 205-1716, ISI 4773, FF 1777-3518, FSI 4733, FH 5459. Drilled 8 3/4" hole to 10,545'. Ran DST #8 (10,515-10,545'). 60 min test. T O dead and remained dead. Rec. 1473' water cushion and 10' mud. Pressures: IH 5499, IF 0-20, ISI 123, FF 20-41, FSI 144, FH 5499. Sch. ran Dual Induction Laterlog, Variable Density log. BHC Sonic log - Gamma Ray, Shear Amplitude and Compressional Amplitude logs. Cemented 7", 23, 26 and 29# N-80 casing at 10,542' w/ 50 sacks 50/50 Pozmix containing 2% gel, 10% salt and 1% Halad 9 on first stage. 800 sacks 50/50 Pozmix containing 2% gel, 10% salt, 1% CFR-2 and 1/4 #/sack Flocele for first 200 sacks on second stage. Released drilling rig at 12:00 Noon 8-12-68. Moved in completion rig 8-18-68. Drilled out to 10,532'. Ran Gamma Ray PDC log and CBL. Perforated w/ 2 hyperjets/ft at 10,346-10,366; 10,379-10,389; 10,406-10,426; 10,436-10,446; 10,456-10,472 and 10,480-10,500. Ran 2 7/8" 6.5#, N-80 tubing and landed at 10,233.54'. Brokedown perforations and acidized w/ 700 gal 5% MCA and 150 RCN Balls. Swabbed well in. Released completion rig 8-24-68.
									Approx. Cent. NE 1/4 Sec. 11
									1S 2W Virgil B. Mecham Unit #1 (3-11C)
									<u>Present Status</u>
									Total Depth: 1200'
									Casing: 10 3/4", 40.5#, K-55 casing cemented at 523.69' w/ 400 sacks 50/50 Pozmix containing 2% gel and 2% CaCl ₂ w/ the first 200 sacks containing 1/4 #/sack Cello Flate followed by 100 sacks Type G cement w/ 3% CaCl ₂ .
									<u>Operations Conducted</u>
									Moved in Brinkerhoff Drilling Company Rig #17 and spudded at 10:30 PM 8-27-68. Set 18" conductor pipe at 46' KB w/ 75 sacks Reg. cement w/ 3% CaCl ₂ . Drilled 8 3/4" hole

Note: There were _____ runs or sales of oil; _____ M cu. ft. of gas sold; _____ runs or sales of gasoline during the month.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Duchesne Field or Lease Bluebell FieldThe following is a correct report of operations and production (including drilling and producing wells) for
August, 1968Agent's address P. O. Box 455 Company Chevron Oil Co., Western Div.Vernal, Utah Signed R. W. PATTERSONPhone 789-2442 Agent's title Unit SuperintendentState Lease No. Federal Lease No. Indian Lease No. Fee & Pat. ☒

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)	
								No. of Days Produced	
ox. • SW¼ 3	1S	2W	W. H. Blanchard Unit #1 (2-3C)						to 1200'. Reamed out w/ 15" bit to 526'. Cemented 10 3/4", 40.5#, K-55 casing at 523.69' w/ 400 sacks 50/50 Pozmix containing 2% gel and 2% CaCl ₂ w/ the first 200 sacks containing 1/4 #/sack Cello Flake followed by 100 sacks Type G cement w/ 3% CaCl ₂ . WOC.
									Total Depth: 6386'
									Casing: 10 3/4", 40.5#, K-55 casing cemented at 515.75' w/ 500 sacks 50/50 Pozmix containing 2% gel and 2% CaCl ₂ w/ the first 200 sacks containing 1/4 #/sack Cello Flake followed by 100 sacks Type G cement containing 3% CaCl ₂ .
									<u>Operations Conducted</u>
									Moved in Signal Drilling Company Rig #5 and spudded at 11:00 AM 8-19-68. Drilled 8 3/4" hole to 1198'. Reamed out with 15" bit to 520'. Cemented 10 3/4", 40.5#, K-55 casing at 515.75' w/ 500 sacks 50/50 Pozmix containing 2% gel and 2% CaCl ₂ w/ the first 200 sacks containing 1/4 #/sack Cello Flake followed by 100 sacks Type G cement with 3% CaCl ₂ . Drilled 8 3/4" hole to 6386'.

Note: There were _____ runs or sales of oil; _____ M cu. ft. of gas sold; _____ runs or sales of gasoline during the month.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

✓ CHEVRON OIL CO.
Fay Meham #1

The company has successfully completed this well as a good producer and completely eliminated all of their water problems. The well is now flowing 600-700 BOPD.

CHEVRON OIL CO.
Fay Meham Unit #1

This test is being drilled by the Brinkerhoff Drilling Company's rig #17. At the time of the visit, they were drilling at 9,500' and no problems have been encountered to date.

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:sd

cc: U.S. Geological Survey
Rod Smith, Dist. Engineer

SUBMIT IN DUPLICATE*

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Chevron Oil Company, Western Division

3. ADDRESS OF OPERATOR

P. O. Box 455, Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1368' FSL & 1452' FEL of Sec. 2, T1S, R2W, USB&M

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

Fee Land

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Fay Mecham

9. WELL NO.

Unit #1 (4-2C)

10. FIELD AND POOL, OR WILDCAT

Bluebell

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 2, T1S, R2W, USB&M

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

15. DATE SPUDDED

4-10-68

16. DATE T.D. REACHED

6-1-68

17. DATE COMPL. (Ready to prod.)

8-16-68

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

KB 5916 GR 5900

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

11,150

21. PLUG, BACK T.D., MD & TVD

10,525

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-11,150

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

10,395-10,451' Lower Green River

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray Sonic w/ Caliper, Dual Induction

27. WAS WELL CORED

Later Log, Caliper and Amplitude Logs

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4"	40.5	529.68	15"	(1) See reverse side	
7"	23, 26 & 29#	10,532	8 3/4"	(2) See reverse side	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	10,295.89	10,411.25

31. PERFORATION RECORD (Interval, size and number)

2 Hyperjets/ft 10,395-10,407, 10413-10418 & 10,440-10,451. Excluded w/ cement: 2 jets/ft 10,395½-10,415½, 10,401-10,405 & 10,414-10,418. 2 jets at 10,370; 6 jets at 10,484; 4 jets at 10,488; 8 jets/ft (thru tbg jets) 10,439-10,453.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10,395½-10,415½	1000 gal MCA w/ 1½ gal LP-53 & 1 gal inhibitor (excluded)
10,370	300 gal 15% HCl. Cmt squeezed w/150 sacks 50/50 Pozmix containing 2% gel (Continued Reverse Side)

33. PRODUCTION

DATE FIRST PRODUCTION 8-16-68 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in) Side)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-16-68	24	16/64	→	208 ✓	154	34	740 ✓
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
220	540	→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

R. W. PATTERSON

TITLE

Unit Superintendent

DATE

9/9/68

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 19: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

Item 28, Casing Size: (1) 350 sacks 50/50 Pozmix containing 2% gel and 2% CaCl. First 200 sacks contained 3% CaCl. Cello Flake. Followed by 100 sacks Type G cmt containing 3% CaCl.

(2) 800 sacks 50/50 Pozmix containing 18% salt, 2% Gel and 1% CFR-2 on first stage. The first 200 sacks contained 1/4#/sack of Floseal. Cemented w/ 300 sacks lt, wt, cmt (65% Pozmix and 35% Regular) containing 6% gel on second stage.

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Green River	9029	9106	120 min test, GTS after 20 min of final shut in period. Rec 752' gas, oil, mud cut water cushion, 376' gas, oil, mud, water emulsion, 407' no recovery, reversed out, 210' gas cut oil & 300' muddy water. Pressures: IH 4144, IF 150-662, ISI 4082, FF 684-855, FSI 3956, FH 4019.
Green River	8926	9066	180 min test, NGTS. Rec 850' gas & oil cut water cushion & 866' gas and oil cut watery mud. Pressures: IH 4627, IF 43-171, ISI 4019, FF 171-812, FSI 3871, FH 4627.
Green River	10,400	10,525	20 min test. Rec 20 bbl oil & gas cut water cushion, 70 bbl heavy gas cut oil & 20 bbl sli oil & gas cut water. Pressures: IH 5442, IF 2882-3977, ISI 4941, FF 3893-4526, FSI 4941, FH 5442.
Green River	10,999	11,033	180 min test, NGTS. Rec 188' hvy gas cut oil (green), 1880' hvy gas cut water cushion, 457' hvy gas cut oil (sli mud cut at base) & 89' sli oil cut mud. Pressures: IH 5797, IF 5630-85, ISI 342, FF 491-1089, FSI 5296, FH 5776.

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP Sub Sea Datum
Uintá	2955	(+2961)
TGR	6870	(- 954)
Mahogany Bench	8539	(-2623)
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, (Continued)		
Depth Interval	Amount & Kind of Material	
10,401-10,405 & 10,414-10,418	and 6/10 of 1% Halad.	
10,484 & 10,488	500 gal 5% MCA	
	Cmt squeezed w/ 150 sacks	
	50/50 Pozmix containing 2% gel & 6/10 of 1% Halad 9.	
10,439-10,453	275 gal 15% HCl.	
10,401-405, 10,414-418 & 10,439-453	Cement squeezed w/ 50 sacks	
10,440-10,451	50/50 Pozmix containing 2% gel & 6/10 of 1% Halad 9.	
	1275 gal 5% MCA containing 1 1/2 gal/1000 LP-53 & inhibitor & 500 gal 15% HCl.	
10,440-10,451	1500 gal 5% MCA	
10,395-10,407 & 10,413-10,418	1000 gal 5% MCA containing 1 1/2 gal/1000 LP 53 & inhibitor	

SEP 11 1968



CHEM LAB

WATER ANALYSIS EXCHANGE REPORT

MAR 6 1970

MEMBER	Chevron Oil Company	LAB NO.	24529	REPORT NO.	
OPERATOR	Chevron Oil Company	LOCATION	NW SE 2-16-2W		
WELL NO.	No. 1 Fay Meham (4-20)	FORMATION	Green River		
FIELD	Bluebell	INTERVAL	10395-10416		
COUNTY	Duchesne	SAMPLE FROM	Production		
STATE	Utah	DATE	July 22, 1968		

REMARKS & CONCLUSIONS: Cloudy water, cloudy filtrate.

Cations			Anions		
	mg/l	meq/l		mg/l	meq/l
Sodium	11582	503.81	Sulfate	3230	67.18
Potassium	110	2.82	Chloride	14900	420.18
Lithium	-	-	Carbonate	-	-
Calcium	57	2.84	Bicarbonate	1403	23.01
Magnesium	11	0.90	Hydroxide	-	-
Iron	Absent	-	Hydrogen sulfide	Absent	-
Total Cations			Total Anions		
510.37			510.37		

Total dissolved solids, mg/l 30381
NaCl equivalent, mg/l 28648
Observed pH 7.8

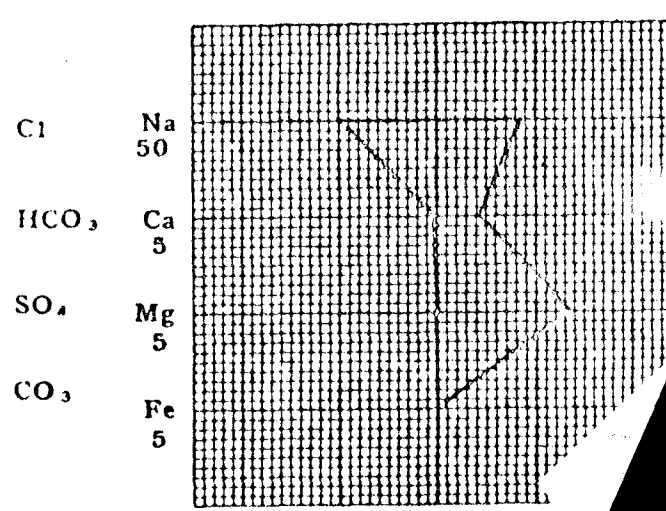
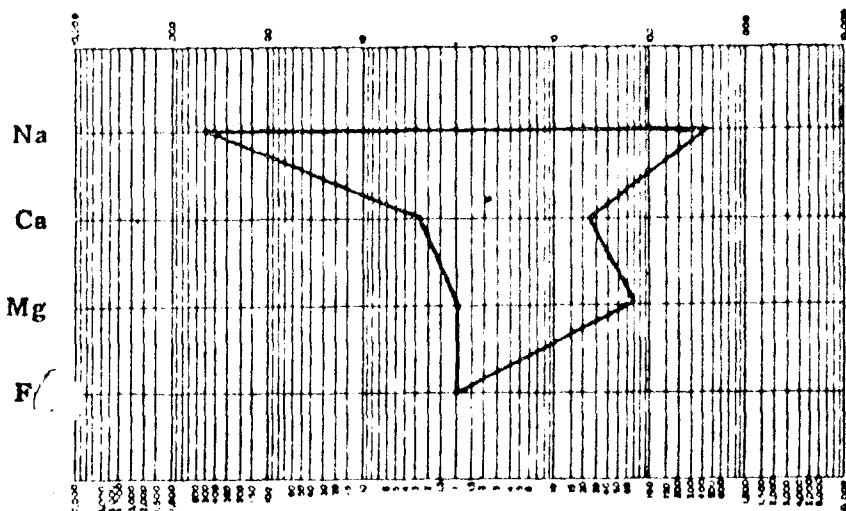
Specific resistance @ 68° F.:
Observed 0.26 ohm-meters
Calculated 0.25 ohm-meters

WATER ANALYSIS PATTERNS

MEQ per unit

LOGARITHMIC

STANDARD



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐
2. NAME OF OPERATOR
Chevron U.S.A. Inc.
3. ADDRESS OF OPERATOR
P. O. Box 599, Denver, CO 80201
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1368' FSL & 1452' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF ☐ ☐
FRACTURE TREAT ☐ ☐
SHOOT OR ACIDIZE ☒ ☐
REPAIR WELL ☐ ☐
PULL OR ALTER CASING ☐ ☐
MULTIPLE COMPLETE ☐ ☐
CHANGE ZONES ☐ ☐
ABANDON* ☐ ☐
(other) ☐ ☐

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to reperforate and acidize open zones of this well as per attached procedure.

APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING

DATE: 3-27-81
BY: M. J. Munder

3 - USGS
2 - State
3 - Partners
1 - Sec. 723
1 - File

No additional surface
disturbances required
for this activity.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED William Bush TITLE Technical Asst. DATE 3/13/81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

WELL NAME: Fay Mecham 1-2A2

FIELD: Bluebell

PROPOSED PERFORATING PROCEDURE

1. Changes intended: It is proposed to reperforate and acidize existing open zones of this well.
2. Results anticipated: An increase of ± 20 BOPD is anticipated.
3. Conditions of well which warrant such work: Well is currently pumping off.
4. To be ripped or shot: Shot
5. Depth, number and size of shots (or depth of rips): 2 SPL using 4" csg. gun.
Please see attached procedure.

6. Date last Log of well filed: --
7. Anticipated additional surface disturbances: None
8. Estimated work date: 4/1/81
9. Present production and status:

Date

BOPD

MCFD

BWPD

3/13/81 Well is currently pumping off.

WELL NAME: Fay Mecham 1-2A2

FIELD: Bluebell

PROPOSED TREATMENT PROCEDURE

1. Objective: It is proposed to reperforate and acidize existing open zones of this well.
2. Size and type of treatment: 5,000 gal 15% HCl
3. Intervals to be treated: Please see attached procedure.
4. Treatment down casing or tubing: Tbg.
5. Method of localizing its effects: Ball sealers and benzoic flakes to be used as diverting agents.
6. Disposal of treating fluid: Swab back load to frac tanks.
7. Name of company to do work: Halliburton, Dowell or Western
8. Anticipated additional surface disturbances: None
9. Estimated work date: 4/1/81
10. Present status, current production and producing interval:

Date

BOPD

MCFD

BWPD

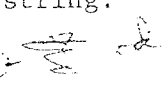
3/13/81 Well is currently pumping off.

FAY MECHAM 1-2A2
CRD1-2407
2/25/81
PAGE 2

WELL DATA:

TD: 11,150'
PBTD: 10,504' CIBP
CSG: 10-3/4" @ 530'
7" 23,26,29# N-80 @ 10,532'
PERFS: 10,395-10,407
10,413-10,418 2 SPF
10,440-10,451
FILL: 10,460'
KBTH: 15.90'
TBG: 2-7/8" N-80 EUE 335 jts \pm 10,405
RODS: 1 polish rod and 4 subs, 110-1", 125-7/8", 164-3/4", 14-7/8".
Pump 2 1/2 X 1 1/2 X 20 X 24

PROCEDURE:

1. MI & RU WOR
2. NU BOPE & Test
3. POOH w/413 rods & pump
4. RIH w/+ 1 jt 2-7/8" tbg to tag fill (last noted at \pm 10,460). If fill is above 10,460 POOH w/tbg string. RIH with bit & scraper and clean out to PBTD \pm 10,504. POOH w/tbg string.
5. RU perforating company less mast. 
Perforate the following levels
w/2 SPL using a 4" CSG gun and select fireheads

10,451 10,447 10,443 10,418 10,414 10,405 10,401 10,397
10,450 10,446 10,442 10,417 10,413 10,404 10,400 10,396
10,449 10,445 10,441 10,416 10,407 10,403 10,399 10,395
10,448 10,444 10,440 10,415 10,406 10,402 10,398
6. RIH w/Baker retrievable Model "D" packer and \pm 333 jts Tbg. Set Pkr @ \pm 10,350' and test backside to \pm 2000 lbs. (Note that this Tbg string was hydrotested in February, 1981).
7. RU service company and prepare to acidize. Treatment to consist of 5000 gal 15% HCL, 10 gal/1000 scale inhibitor (Champion T-56 or Tretolite SP-237), 5 gal/1000 HAL-75 corrosion inhibitor, 10 gal/1000 HC-2 suspending agent, 50#/1000 HLX-209 dispersing agent, 10 gal/1000

FAY MECHAM 1-2A2

CRD1-2407

2/25/81

PAGE 3

Fe-1A iron sequestering agent, and 2 gal/1000 TRI-S non-emulsifier. Halliburton Nomenclature. Run toluene P-121 paraffin solvent and benzoic flake slugs as specified below. Pump @ $\pm 5000\#$ maximum surface pressure while holding $\pm 2000\#$ on the backside.

Stage 1 - Pump 2000 gal acid plus additives. Drop one ball sealer every 25 gal. Slug w/200# benzoic flakes every 1000 gal.

Stage 2 - Pump 2000 gal acid plus additives. Drop one ball sealer every 40 gal. Slug w/200# benzoic flakes every 1000 gal. Run 10% toluene (200 gal) throughout this stage.

Stage 3 - Pump 1000 gal acid plus additives. Drop one ball sealer every 50 gal. Run 10% toluene (100 gal) throughout this stage.

Swab back load or until PH is ± 5.0 .

8. POOH w/333 jts Tbg and RTR Pkr.
9. RIH w/335 jts Tbg and anchor catcher.
10. RIH w/rods and pump using same detail as before.
11. Place well back on production.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐
2. NAME OF OPERATOR
Chevron U.S.A. Inc.
3. ADDRESS OF OPERATOR
P.O. Box 599, Denver, CO 80201
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1368 FSL & 1452 FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

- ☐
☐
☒
☐
☐
☐
☐
☐

5. LEASE
FEE LAND
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Fay Mecham
9. WELL NO.
#1-2A2
10. FIELD OR WILDCAT NAME
Bluebell
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 2, T1S, R2W USM
12. COUNTY OR PARISH
Duchesne
13. STATE
Utah
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
KB 5916 GR 5900

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was re-perfd & acidized open zones of this well as follows:

- | | |
|--|------------|
| 1. Miru, Pooh w/rods & pumps, NU BOPE, Unseat tbg hanger. | 3-USGS |
| Rih tgd fill @10,475'. | 2-STATE |
| 2. Rih w/bit & SCRPR c/o to 10,480'. Rih & Set Pkr @10,406'. | 3-PARTNERS |
| 3. Swb tstd perfs 10439-453. | 1-SEC 723 |
| 4. Re-perfd 10392-10408 & 10414 - 10426 W2 JPF. RIH W/PRK. | 1-FILE |
| 5. Acidized perfs 10392-453 w/15000 gals 15% HCL Swbd Perfs. | |
| 6. ND BOPE. Tih w/Pmp & Rods, Hang off rods. | |
| 7. Turn wellover over to production. | |

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Sam M. Leonard TITLE Engineering Assis. DATE January 27, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

WELL NAME: F. MECHAM 1-2A2

FIELD: BLUEBELL

COMPLETED PERFORATING PROCEDURE

1. Depth, number and size of shots (or depths of rips):

4" csg. gun - 2 JPF - no misfires:

10392	10402	10416	10425
10393	10403	10417	10426
10394	10404	10418	
10395	10405	10419	Intervals:
10396	10406	10420	
10397	10407	10421	10392-408
10398	10408	10422	10413-426
10399	10414	10423	10439-453
10400	10415	10424	
10401			

2. Company doing work: GO

3. Date of work: 11-19-81

4. Additional surface disturbances: none

5. Production after work:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
12/81	1	4	298

WELL NAME F. Mecham 1-2A2

FIELD NAME Bluebell

COMPLETED TREATMENT PROCEDURE

1. Size and type of treatment: 15,000 gal 15% Hcl
2. Intervals treated: 10392-408, 10413-426, 10439, 10439-453
3. Treatment down casing or tubing: TBG
4. Methods used to localize effects: Ball Sealers
5. Disposal of treating fluid: Spent acid was swbd back to flat tank.
6. Depth to which well was cleaned out: 10,480'
7. Date of work: 11-5-81
8. Company who performed work: Haliburton
9. Production interval: 10392-10453
10. Status and production before treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
3-13- WELL CURRENTLY PUMPING OFF.			

11. Status and production after treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
-------------	-------------	-------------	-------------

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Chevron U.S.A. Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 599, Denver, Colorado 80201		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1368' FSL & 1452 FEL <i>NW SE</i>		8. FARM OR LEASE NAME Fay Mecham
14. PERMIT NO.		9. WELL NO. 1-2A2 (4/20)
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 5916 GR5900		10. FIELD AND POOL, OR WILDCAT Bluebell
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 2, T1S, R2W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

It is proposed to plug and abandon well as per the attached procedure.

Current status:
Shut-in

3-State
2-BLM
3-Partners
1-LRH
1-Sec. 723
1-DEO
1-LJT
1-File

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 9/1/83
BY: [Signature]

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature]

TITLE Engineering Assistant

DATE 9/2/83

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

PLUG AND ABANDON PROCEDURE
FAY MECHAM 1-2A2
BLUEBELL FIELD
CRD3-
September 1, 1983

Well Data:

Last Casing: 7", 23#, 26#, 29#, N-80 set @ 10,532'
PBTD: 10,504'
TD: 11,150'
Existing Perfs: 10,395'-10,407'
 10,413'-10,418'
 10,440'-10,451'
Tubing: 335 jts 2-7/8, 6.5#, N-80 @ 10,055'

Procedure:

1. MIR & RU. Check well for pressure. ND tree. NU BOPE including annular preventer and test.
2. POOH with 335 jts 2-7/8, 6.5#, N-80 tbg and seating nipple.
3. RIH with 6" milltooth bit and clean out to PBTD at 10,504. Circ hole clean. POOH with bit.
4. Make bit and scraper run to PBTD. Circ hole.
5. RIH with packer and set at 10,300'. Establish inj. rate into perfs 10,395'-10,451. Notify supervisor of results. If acid break down is needed, a procedure will be provided at this time. POOH with pkr.
6. On Electric Wireline:
 - A. Make gage ring and junk basket run to 10,350'.
 - B. Set CIGR @ 10,300'.
7. RIH with stinger. Sting-in CIGR and est. inj rate. Squeeze perfs 10,395-10,451 with 100 sxs class 'G' cmt containing 0.6% low fluid loss additive for 3-1/2 + hrs pumping time. Sting out of retainer and dump 10' cmt on top. Rev. circ tbg vol clean. POOH with stinger laying down 7300' tbg.
8. RU OWP and perforate the following interval with 4" csg guns 2 shot/ft. Depth picked from BHC-Sonic-GR Run #1 dated 5-13-68.

3150-3152	2 ft	4 shots
-----------	------	---------
9. RIH with pkr and set @ 3100. Establish injection rate into perfs 3150-52. Notify supervisor of results. If acid is needed, a break down procedure will be provided at this time. POOH w/ pkr.

PLUG AND ABANDON PROCEDURE
FAY MECHAM 1-2A2
BLUEBELL FIELD
CRD3-
September 1, 1983
Page 2

Procedure: (continued)

10. On electric wireline, set CICR at \pm 2950'. MU and RIH with stinger. Sting into CICR and est. inj. rate.
11. Squeeze perfs 3150-3152 with 100 sxs class 'C' cmt containing 0.6% low fluid loss additive. Sting out of retainer and dump 10' cmt on top of CICR. Receive tbg vol. POOH w/ stinger laying down tbg.
12. RIH open ended with 100' tbg. Place a 100' cmt surface plug. (\pm 25 sxs Class 'G' as in step #11) POOH laying down tbg.
13. ND BOPE. Make csg cut below wellhead. Install P & A marker (4" diameter orange peeled on top, 10' long with 4' above surface, remaining embedded in cmt).
14. RD and release rig.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

Submit in triplicate*
 (other instructions on
 reverse side)

3 10

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
 Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Dry Hole		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Chevron U.S.A. Inc.		6. IF INDIAN, ALLOTED OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 599, Denver, CO 80201		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1368' FSL & 1452" FEL NWSE		8. FARM OR LEASE NAME Fay Mecham
14. PERMIT NO.		9. WELL NO. 1-2A2 (4-2C)
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 5916, GR 5900		10. FIELD AND POOL, OR WILDCAT Bluebell
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 2, T1S, R2W
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*		12. COUNTY OR PARISH 13. STATE Duchesne Utah

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONING WELL <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well was plugged and abandoned on September 29 - October 8, 1983 due to no commercial production.

1. MIR & RU. ND tree. NU BOPE. POOH w/tbg.
2. RIH w/bit and csg scraper
3. RIH and set Baker CICR at 10,300'.
4. Pumped 200 sxs "H" cmt.
5. Perforated 3150-3152 w/2 shots/ft.
6. RIH and set Baker CICR at 2950'.
7. Pumped 200 sxs "H" cmt.
8. Spot 50 sx (200') plug at surface.
9. ND Stack. RD.
10. Dug out cellar, cut 10-3/4 x 7" csg off 6' below ground.
11. Mix 2 sx cmt to cap annulus. Installed "Dry Hole Marker" 4' above ground.
12. Location to be restored.

3-State
 2-BLM
 3-Partners
 1-LRH
 1-Sec. 723
 1-REO
 1-LJT
 1-File

**APPROVED BY THE STATE
 OF UTAH DIVISION OF
 OIL, GAS, AND MINING**
 DATE: 10/11/83
 BY: [Signature]

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature]

TITLE Engineering Assistant

DATE October 17, 1983

(This space for Federal or State office use)

APPROVED BY _____
 CERTIFICATE OF APPROVAL, IF ANY:

TITLE _____

DATE _____